

## WEST Search History





DATE: Tuesday, January 24, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L13	DISHWASHING and (p-SULPHOPHENYL alkyl CARBONATE)	0
<input type="checkbox"/>	L12	DISHWASHING and (SULPHOPHENYL OCTYL CARBONATE)	0
<input type="checkbox"/>	L11	DISHWASHING and (SULPHOPHENYL octyl CARBONATE)	0
	<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L10	DISHWASHING and (SULPHOPHENYL alkyl CARBONATE)	1
<input type="checkbox"/>	L9	DISHWASHING with (SULPHOPHENYL alkyl CARBONATE)	0
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L8	L3 and 134/\$.ccls.	10
<input type="checkbox"/>	L7	DISHWASHING with (SULPHOPHENYL alkyl CARBONATE)	0
<input type="checkbox"/>	L6	DISHWASHING with (SULPHOPHENYL CARBONATE)	0
<input type="checkbox"/>	L5	L3 and (p-\$)	28
<input type="checkbox"/>	L4	L3 and (p-sulphophenyl\$)	0
<input type="checkbox"/>	L3	DISHWASHING AND (SULPHOPHENYL CARBONATE)	79
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L2	L1	1
<input type="checkbox"/>	L1	4681592.PN.	1

END OF SEARCH HISTORY

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		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L8	L3 and 134/\$.ccls.	10
<input type="checkbox"/>	L7	DISHWASHING with (SULPHOPHENYL alkyl CARBONATE)	0
<input type="checkbox"/>	L6	DISHWASHING with (SULPHOPHENYL CARBONATE)	0
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<input type="checkbox"/>	L3	DISHWASHING AND (SULPHOPHENYL CARBONATE)	79
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	L1	1
<input type="checkbox"/>	L1	4681592.PN.	1

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 6589932 B1

Using default format because multiple data bases are involved.

L8: Entry 1 of 10

File: USPT

Jul 8, 2003

US-PAT-NO: 6589932

DOCUMENT-IDENTIFIER: US 6589932 B1

TITLE: Detergent tablet

DATE-ISSUED: July 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ricci; Patrizio	Wommel			BE
Bennie; Brenda Frances	Cramlington			GB
Binder; Christopher James	Newcastle upon Tyne			GB

US-CL-CURRENT: [510/446](#); [134/25.2](#), [510/224](#), [510/294](#), [510/298](#), [8/137](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 2. Document ID: US 6551982 B1

L8: Entry 2 of 10

File: USPT

Apr 22, 2003

US-PAT-NO: 6551982

DOCUMENT-IDENTIFIER: US 6551982 B1

TITLE: Detergent tablet

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ricci; Patrizio	Wommel			BE
Bennie; Brenda Frances	Cramlington			GB
Binder; Christopher James	Newcastle upon Tyne			GB

US-CL-CURRENT: [510/446](#); [134/25.2](#), [510/224](#), [510/294](#), [510/298](#), [8/137](#)

ABSTRACT:

A multi-phase detergent tablet for use in a washing machine, the tablet comprising:  
a) a first phase in the form of a shaped body having at least one mould therein;  
and b) a second phase in the form of a compressed body adhesively contained within the mould, wherein the tablet composition comprises one or more detergent actives which is predominantly concentrated in the second phase, and wherein the second phase additionally comprises a binder. The multi-phase tablets provide improved dissolution and cleaning characteristics together with excellent tablet integrity and strength.

7 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 3. Document ID: US 6544944 B1

L8: Entry 3 of 10

File: USPT

Apr 8, 2003

US-PAT-NO: 6544944

DOCUMENT-IDENTIFIER: US 6544944 B1

TITLE: Detergent tablet

DATE-ISSUED: April 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ricci; Patrizio	Cincinnati	OH		
Bennie; Brenda Frances	Cincinnati	OH		
Binder; Christopher James	Cincinnati	OH		

US-CL-CURRENT: 510/446; 134/25.2, 510/224, 510/294, 510/298, 8/137

ABSTRACT:

A multi-phase detergent tablet comprising: a) a first phase in the form of a shaped body having at least one mould therein; and b) a second phase in the form of a compressed body adhesively contained within the mould, and wherein the second phase comprises an enzyme. The multi-phase tablets provide improved dissolution and cleaning characteristics together with excellent tablet integrity and strength.

10 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 4. Document ID: US 6544943 B1

L8: Entry 4 of 10

File: USPT

Apr 8, 2003

US-PAT-NO: 6544943  
DOCUMENT-IDENTIFIER: US 6544943 B1

TITLE: Detergent tablet

DATE-ISSUED: April 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ricci; Patrizio	Wemmel			BE
Bennie; Brenda Frances	Cramlington	Northumberland		GB
Binder; Christopher James	Jesmond	Newcastle upon Tyne		GB

US-CL-CURRENT: 510/446; 134/25.2, 510/224, 510/294, 510/298, 8/137

ABSTRACT:

A multi-phase detergent tablet comprising: a) a first phase in the form of a shaped body having at least one mould therein; and b) a second phase in the form of a compressed, body adhesively contained within the mould, wherein the tablet composition comprises one or more detergent actives which is predominantly concentrated in the second phase, and wherein the second phase additionally comprises a disrupting agent. The multi-phases tablets provide improved dissolution and cleaning characteristics together with excellent tablet integrity and strength.

12 Claims, 0 Drawing figures  
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Exemplary	Claims	KVMC	Draw De
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☐ 5. Document ID: US 6368420 B1

L8: Entry 5 of 10

File: USPT

Apr 9, 2002

US-PAT-NO: 6368420  
DOCUMENT-IDENTIFIER: US 6368420 B1

TITLE: Detergent composition and method for warewashing

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Angevaare; Petrus Adrianus	Maarssen			NL
Flu; Paul	Maarssen			NL
Nicholson; John Richard	Edgewater	NJ		
Schepers; Frederik Jan	Maarssen			NL

US-CL-CURRENT: 134/26; 134/25.2, 134/25.3, 134/25.5, 134/29, 510/197, 510/219, 510/221, 510/225, 510/226, 510/228, 510/363, 510/372, 510/374, 510/378, 510/380, 510/381, 510/393, 510/530

## ABSTRACT:

A chemical cleaning system for a multi-tank or a single-tank mechanical warewashing machine is provided, having at least two separate components for aqueous dissolution or dilution to respective use concentrations, a first component comprising an enzyme or a mixture of an enzyme and a cleaning agent, and a second component comprising a bleach, wherein the first component is introduced into a wash zone or step and wherein the second component is introduced into a post-rinse zone or step.

10 Claims, 0 Drawing figures

Exemplary Claim Number: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 6306812 B1

L8: Entry 6 of 10

File: USPT

Oct 23, 2001

US-PAT-NO: 6306812

DOCUMENT-IDENTIFIER: US 6306812 B1

TITLE: Bleach compositions containing metal bleach catalyst, and bleach activators and/or organic percarboxylic acids

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Perkins; Christopher Mark	Cincinnati	OH			
Labeque; Regine	Bruxelles				BE
Williams; Barbara Kay	Cincinnati	OH			
Johnston; James Pyott	Brussels				BE
Kitko; David Johnathan	Cincinnati	OH			
Burckett-St. Laurent; James Charles Theophile Roger	Cincinnati	OH			
Burns; Michael Eugene	Hamilton	OH			

US-CL-CURRENT: 510/310, 134/25.2, 134/42, 252/186.33, 510/220, 510/221, 510/224, 510/302, 510/303, 510/304, 510/311, 510/312, 510/313, 510/314, 510/372, 510/376, 8/111, 8/137

## ABSTRACT:

Laundry or cleaning composition comprising: a) an effective amount of a bleach activator and/or organic percarboxylic acid; b) a catalytically effective amount of a transition-metal bleach catalyst which is a complex of a transition-metal and a cross-bridged macropolycyclic ligand; and c) at least about 0.1% of one or more laundry or cleaning adjunct materials. Preferred compositions are laundry compositions and automatic dishwashing detergents which provide enhanced cleaning/bleaching benefits through the use of such catalysts in combination with bleach activators and/or organic percarboxylic acids.

40 Claims, 0 Drawing figures  
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US 6162259 A

L8: Entry 7 of 10

File: USPT

Dec 19, 2000

US-PAT-NO: 6162259  
DOCUMENT-IDENTIFIER: US 6162259 A

TITLE: Machine dishwashing and laundry compositions

DATE-ISSUED: December 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Williams (nee Mac Beath); Fiona Susan	Newcastle upon Tyne				GB

US-CL-CURRENT: 8/137; 134/25.2, 510/224, 510/229, 510/318, 510/375, 510/477,  
510/488, 510/499

ABSTRACT:

Detergent compositions comprising an amino tricarboxylic acid with a rapid rate of dissolution in a washing liquor exhibit a reduced tendency to leave calcium carbonate, lime soap and other deposits on substrates being cleaned. Dishwashing and laundry compositions comprising percarbonate bleach and methyl glycine diacetic acid are provided.

8 Claims, 0 Drawing figures  
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 8. Document ID: US 6159922 A

L8: Entry 8 of 10

File: USPT

Dec 12, 2000

US-PAT-NO: 6159922  
DOCUMENT-IDENTIFIER: US 6159922 A

TITLE: Bleaching composition

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Williams; Fiona Susan (Mac Beath)	Newcastle upon Tyne				GB

US-CL-CURRENT: 510/372; 134/25.2, 252/186.38, 252/186.43, 510/223, 510/224,  
510/229, 510/303, 510/304, 510/309, 510/318 , 510/361, 510/375, 510/477, 510/488,  
8/137

## ABSTRACT:

Bleach compositions comprising a percarbonate bleach and an amino tricarboxylic acid exhibit a reduced tendency to deposit calcium carbonate insolubles on substrates being bleached. Laundry compositions comprising percarbonate bleach and methyl glycine diacetic acid are provided.

9 Claims, 0 Drawing figures  
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw De
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☐ 9. Document ID: US 5807438 A

L8: Entry 9 of 10

File: USPT

Sep 15, 1998

US-PAT-NO: 5807438  
DOCUMENT-IDENTIFIER: US 5807438 A

TITLE: Detergent composition and method for warewashing

DATE-ISSUED: September 15, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lansbergen; Adrianus Joseph	Maarssen			NL
Uhlhorn; Robert Jan	Woerden			NL

US-CL-CURRENT: 134/25.2; 134/25.5, 134/29, 510/220, 510/224, 510/226, 510/367,  
510/374

## ABSTRACT:

A chemical cleaning system and a method of using the same in multiple zone mechanical warewashing is described. The cleaning system contains at least two separate components for aqueous dissolution or dilution to respective use concentrations, the system comprising a cleaning agent, a bleach and enzyme. Each component is dissolved or diluted to the use concentration and introduced sequentially into the warewashing apparatus.

6 Claims, 0 Drawing figures  
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw De
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☐ 10. Document ID: US 5695679 A



L8: Entry 10 of 10

File: USPT

Dec 9, 1997

US-PAT-NO: 5695679

DOCUMENT-IDENTIFIER: US 5695679 A

TITLE: Detergent compositions containing an organic silver coating agent to minimize silver training in ADW washing methods

DATE-ISSUED: December 9, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Christie; Julie Ann	Newcastle upon Tyne			GB2
MacBeath; Fiona Susan	Newcastle upon Tyne			GB2

US-CL-CURRENT: 252/186.26; 134/25.2, 252/186.27, 252/186.3, 252/186.33, 252/186.38, 510/220, 510/221, 510/245, 510/255, 510/267, 510/270, 510/271

## ABSTRACT:

There is provided a bleaching composition containing (a) an oxygen-releasing bleaching agent as a source of available oxygen and (b) a non-paraffin oil organic silver coating agent. In one aspect the rate of release of available oxygen is carefully controlled such that the available oxygen is completely released from the composition in a time interval of from 3.5 minutes to 10.0 minutes. In another aspect the composition contains (c) an additional corrosion inhibitor compound.

25 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw De
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Term	Documents
134/\$	0
134/1	1720
134/10	1177
"134/100.1"	278
"134/102.1"	557
"134/102.2"	250
"134/102.3"	140
"134/103.1"	261
"134/103.2"	323
"134/103.3"	62
"134/104.1"	285

(L3 AND 134/\$.CCLS.).PGPB,USPT.	10
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